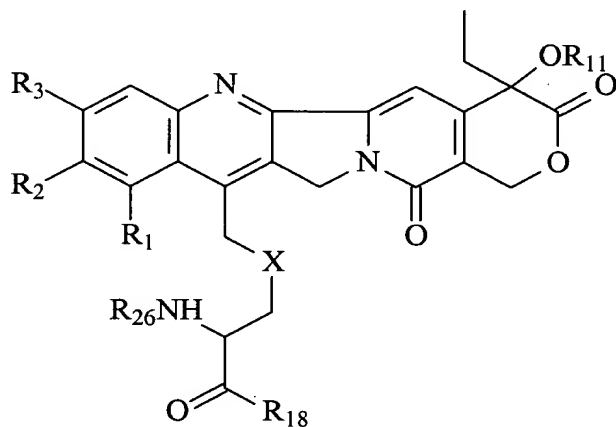


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): --1. (Twice Amended) A compound comprising:



wherein R<sub>1</sub> and R<sub>2</sub>, are each independently

NO<sub>2</sub>, NH<sub>2</sub>, H, F, Cl, Br, I, COOH, OH, O-C<sub>1-6</sub> alkyl, SH, S-C<sub>1-6</sub> alkyl, CN, NH-C<sub>1-6</sub> alkyl, N(C<sub>1-6</sub> alkyl)<sub>2</sub>, CHO, C<sub>1-8</sub> alkyl, N<sub>3</sub>,

-Z-(CH<sub>2</sub>)<sub>a</sub>-N-((CH<sub>2</sub>)<sub>b</sub>OH)<sub>2</sub>, wherein Z is selected from the group consisting of O, NH and S, and a and b are each independently an integer of 2 or 3,

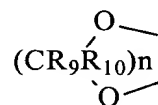
-Z-(CH<sub>2</sub>)<sub>a</sub>-N-(C<sub>1-6</sub> alkyl)<sub>2</sub> wherein Z is selected from the group consisting of O, NH and S, and a is an integer of 2 or 3,

-CH<sub>2</sub>NR<sub>4</sub>R<sub>5</sub>, where (a) R<sub>4</sub> and R<sub>5</sub> are, independently, hydrogen, C<sub>1-6</sub> alkyl, C<sub>3-7</sub> cycloalkyl, C<sub>3-7</sub> cycloalkyl-C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, hydroxy-C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkoxy-C<sub>1-6</sub> COR<sub>6</sub> where R<sub>6</sub> is hydrogen, C<sub>1-6</sub> alkyl, perhalo-C<sub>1-6</sub> alkyl, C<sub>3-7</sub> cycloalkyl, C<sub>3-7</sub> cycloalkyl-C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, hydroxy-C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkoxy-C<sub>1-6</sub> alkyl, or (b) R<sub>4</sub> and R<sub>5</sub> taken together with the nitrogen atom to which they are attached form a saturated 3-7 membered heterocyclic ring which may contain a O, S or NR<sub>7</sub> group, where R<sub>7</sub> is hydrogen, C<sub>1-6</sub> alkyl, perhalo-C<sub>1-6</sub> alkyl, aryl, aryl substituted with one or more groups selected from the

group consisting of C<sub>1-6</sub> alkyl, halogen, nitro, amino, C<sub>1-6</sub> alkylamino, perhalo-C<sub>1-6</sub> alkyl, hydroxy-C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkoxy-C<sub>1-6</sub> alkyl and -COR<sub>8</sub> where R<sub>8</sub> is hydrogen, C<sub>1-6</sub> alkyl perhalo-C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkoxy, aryl, and aryl substituted with one or more C<sub>1-6</sub> alkyl, perhalo-C<sub>1-6</sub> alkyl, hydroxy-C<sub>1-6</sub> alkyl, or C<sub>1-6</sub> alkoxy-C<sub>1-6</sub> alkyl groups;

R<sub>3</sub> is H; or

or R<sub>2</sub> and R<sub>3</sub> combine to form a ring

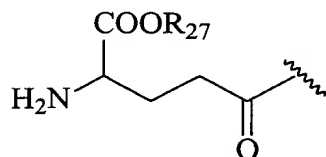


where R<sub>9</sub> and R<sub>10</sub> are each independently H or F and n is an integer of 1 or 2;

R<sub>11</sub> is H, or C(O)-(CH<sub>2</sub>)<sub>m</sub>-NR<sub>12</sub>R<sub>13</sub>, where m is an integer of 1-6 or -C(O)CHR<sub>14</sub>NR<sub>12</sub>R<sub>13</sub>, where R<sub>14</sub> is the side chain of one of the naturally occurring -amino acids, R<sub>12</sub> and R<sub>13</sub> are, independently, hydrogen, C<sub>1-8</sub> alkyl or -C(O)CHR<sub>15</sub>NR<sub>16</sub>R<sub>17</sub>, where R<sub>15</sub> is the side chain of one of the naturally occurring -amino acids and R<sub>16</sub> and R<sub>17</sub> are each independently hydrogen or C<sub>1-8</sub> alkyl;

R<sub>18</sub> is OR<sub>19</sub> or R<sub>19</sub>OC(O)-(CH<sub>2</sub>)<sub>m</sub>-NR<sub>20</sub>, or R<sub>21</sub>OC(O)CHR<sub>22</sub>NR<sub>20</sub>, where R<sub>19</sub> is H or C<sub>1-6</sub> alkyl, m is an integer of 1-6, R<sub>22</sub> is the side chain of one of the naturally occurring -amino acids, R<sub>20</sub> is hydrogen, C<sub>1-8</sub> alkyl or -C(O)CHR<sub>23</sub>NR<sub>24</sub>R<sub>25</sub>, where R<sub>23</sub> is the side chain of one of the naturally occurring -amino acids and R<sub>24</sub> and R<sub>25</sub> are each independently hydrogen or C<sub>1-8</sub> alkyl;

R<sub>26</sub> is H or



where  $\text{R}_{27}$  is H or  $\text{C}_{1-6}$  alkyl; and

X is S or O,

or a pharmaceutically acceptable salt thereof.--

Claim 2 (Original): The compound of Claim 1, which is selected from the group consisting of 7-glutathionylmethyl-10,11-methylenedioxy-20(S)-CPT, 7-monoethylglutathionylmethyl-10,11-methylenedioxy-20(S)-CPT, 7-diethylglutathionylmethyl-10,11-methylenedioxy-20(S)-CPT, 7-cysteinyl(thio)methyl-10,11-methylenedioxy-20(S)-CPT, 7-cysteinyl(thio)methyl-10,11-methylenedioxy-20(S)-CPT, 7-cys- -ala-methyl-10,11-methylenedioxy-20(S)-CPT, 7-glu-cys(thio)methyl-10,11-methylenedioxy-20(S)-CPT, 7-Glu-Cys(thio)methyl-10,11-MD-20(S)-CPT, 7-cys- -ala-methyl-20(S)-CPT, 7-glutathionylmethyl-20(S)-CPT, 7-monoethylglutathionylmethyl-20(S)-CPT, 7-diethylglutathionylmethyl-20(S)-CPT, 7-cysteinyl(thio)methyl-20(S)-CPT and 7-cys-gly-methyl-20(S)-CPT.

Claim 3 (Original): The compound of Claim 1 wherein  $\text{R}_{27}$  is  $\text{C}_{1-6}$  alkyl.

Claim 4 (Currently Amended): A pharmaceutical composition comprising an effective amount to ~~inhibit the growth of tumors or to~~ treat leukemia of a compound Claim 1 and a pharmaceutically acceptable carrier.

Claim 5 (Currently Amended): A method of treating ~~cancers susceptible to CPT~~ leukemia in a mammal in need thereof, comprising administering to the mammal an effective amount for treating ~~cancers susceptible to CPT~~ leukemia of the ~~camptothecin-peptide~~ conjugate compound of Claim 1.

Claims 6-7 (Cancelled).

Claim 8 (Currently Amended): The method of Claim 1 ~~4~~ 5, wherein the mammal is a human.

Claim 9 (Currently Amended): A method for inhibiting the enzyme topoisomerase I, comprising contacting a DNA-topoisomerase I complex with the ~~camptothecin-peptide~~ conjugate compound of Claim 1.

Claim 10 (Currently Amended): A method for stabilizing the topoisomerase I-DNA cleavable complex, comprising contacting a DNA-topoisomerase I cleavable complex with the ~~camptothecin-peptide-conjugate~~ compound of Claim 1.